

SEP 25 2000

Sheet 1 of 2

Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
07039-161001Application No.
09/595,650**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant
Yuan-Ping PangFiling Date
June 16, 2000Group Art Unit
~~Unknown~~ 1631**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						

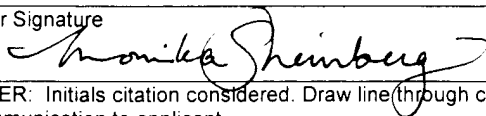
Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AB							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
MBS	AC	Alberts et al., <u>Protein Science</u> , 1998, 7:1700-1716
	AD	Aqvist et al., <u>J. Am. Chem. Soc.</u> , 1990, 112(8):2860-2868
	AE	Atassi et al., <u>Critical Reviews in Immunology</u> , 1999, 19(3):219-260
	AF	Boehm et al., <u>Biochem. Biophys. Res. Commun.</u> , 1998, 252:190-194
	AG	Cieplak et al., <u>J. Comp. Chem.</u> , 1995, 16(11):1357-1377
	AH	Cornell et al., <u>J. Am. Chem. Soc.</u> , 1995, 117(19):5179-5197
	AI	El Yazal et al., <u>J. Phys. Chem. B</u> , 1999, 103:8773-8779
	AJ	El Yazal et al., <u>J. Phys. Chem. B</u> , 2000, 104:6662-6667
	AK	Hanahan et al., <u>Cell</u> , 1996, 86(3):353-364
	AL	Hoops et al., <u>J. Am. Chem. Soc.</u> , 1991, 113(22):8262-8270
	AM	Klimpel et al., <u>Mol. Microbiol.</u> , 1994, 13(6):1093-1100
	AN	Lu et al., <u>Proteins</u> , 1998, 33:119-134
	AO	Mackay et al., <u>Trends Biochem. Sci.</u> , 1998, 23:1-4
	AP	Pang et al., <u>J. Am. Chem. Soc.</u> , 1999, 121(8):1717-1725
	AQ	Pang, <u>J. Mol. Model.</u> , 1999, 5:196-202
	AR	Roe et al., <u>J. Mol. Model.</u> , 1999, 5:134-140
	AS	Ryde, <u>Proteins</u> , 1995, 21:40-56
	AT	Santos et al., <u>Clin. Exp. Metastasis</u> , 1997, 15:499-508
	AU	Shalinsky et al., <u>Annals of Oncology</u> , 1998, 9(2):73, Abstract No. 278
	AV	Shalinsky et al., <u>Clin. Cancer Res.</u> , 1999, 5(7):1905-1917

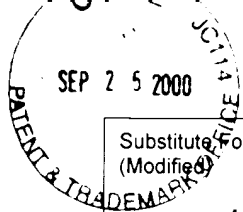
Examiner Signature



Date Considered

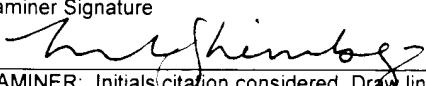
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Yuan-Ping Pang	
		Filing Date June 16, 2000	Group Art Unit Unknown 1631

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
MDS	AW	Stote et al., <u>Proteins</u> , 1995, 23:12-31
	AX	Vanhooke et al., <u>Biochem.</u> , 1996, 35(19):6020-6025
	AY	Vedani et al., <u>J. Am. Chem. Soc.</u> , 1990, 112(12):4759-4767
	AZ	Vu et al., <u>Cell</u> , 1998, 93(3):411-422
	AAA	Wasserman et al., <u>Proteins</u> , 1996, 24(2):227-237
	ABB	Zahn et al., <u>J. Am. Chem. Soc.</u> , 1999, 121(32):7279-7282

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		Filing Date June 16, 2000	Group Art Unit 1645

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U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
MBS	AA	5,553,004	09/03/96	Gronbeck-Jensen et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

Foreign Patent Documents or Published Foreign Patent Applications

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							Yes	No
	AI							
	AJ							
	AK							
	AL							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
MBS	AM	Braga et al., <u>Chem. Commun.</u> , 1996, N5:571-578
	AN	Charifson et al., <u>J. Computational Chem.</u> , 1991, 12(7):899-908
	AO	Cieplak et al., <u>J. Computational Chem.</u> , 1995, 16(11):1357-1377
	AP	Guilbaud et al., <u>J. Phys. Chem.</u> , 1993, 97:5685-5692
Duplicate	AQ	Pang, <u>J. Mol. Model.</u>, 1999, 5:196-202
	AR	Roe et al., <u>J. Mol. Model.</u>, 1999, 5:134-140
MBS	AS	Schneider et al., <u>Pure & Appl. Chem.</u> , 1993, 65(11):2329-2334
	AT	Sivaraja et al., <u>J. Am. Chem. Soc.</u> , 1992, 114(9600-9603
Duplicate	AU	Stote et al., <u>Proteins: Structure, Function, and Genetics</u>, 1995, 23:12-31

Examiner Signature

Monika Scheinberg

Date Considered

7/31/01

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Form PTO-1449 IRSY. 7.801
U.S. Department of Commerce
Patent and Trademark Office

ATTORNEY DOCKET NO. 600-1-268

SERIAL NO. ~~Unassigned~~ 09/614,128

APPLICANT Eric D. Siggia et al

FILING DATE Herewith

GROUP ~~Unassigned~~ 1631

LIST OF DOCUMENTARY INFORMATION
CITED BY APPLICANT
(Use several sheets if necessary)

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07/11/00

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
UBS	A	5,796,863	8-18-98	Lyon	382	157	
	B	5,598,350	1-28-97	Kawanishi et al.	364	496	
	C	5,956,499	9-21-99	Colgan	395	500.23	6-23-97 & earlier
	D	5,856,928	1-5-99	Yan	364	496	
	E	5,845,049	12-1-98	Wu	395	22	
	F	5,752,001	5-12-98	Dulong	395	500	
	G	5,701,256	12-23-97	Marr et al.	364	496	
	H	5,689,584	11-18-97	Kobayashi	382	190	
	I	5,671,090	9-23-97	Pernick et al.	359	561	
	J	5,590,159	12-31-96	Anderson	375	340	
	K	5,479,523	12-26-95	Gaborski et al.	382	159	
	L	5,263,097	11-16-93	Katz et al.	382	48	
	M	4,876,731	10-24-89	Loris et al.	382	40	
	N	4,776,020	10-4-88	Kosaka et al.	382	1	
	O	5,977,890	11-2-99	Rigoutsos et al.	341	55	2-13-98 & earlier
	P	5,867,402	2-2-99	Schneider et al.	364	496	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

MBS 1	Q	Yokomori <i>et al.</i> (1998) Learning Local Languages and Their Application to DNA Sequence Analysis, in IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 20, p. 1067 - 1079.
	R	I. Rigoutsos and A. Floratos (1998) <i>Combinatorial pattern discovery in biological sequences: the TEIRESIAS algorithm.</i> Bioinformatics 14, 55-67.
EXAMINER: <i>Monika Steinberg</i>		DATE CONSIDERED: <i>7/12/01</i>
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>		